

QA Closed:

Date:

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Work Order ID 150405

Wednesday, August 24, 2016 11:51:54 AM

150405

Page 2

Item ID: D350-822-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/24/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

125

Consignment Stock

0.00

125

Outsourc10

Consignment stock

Memo

0.00

Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD

PO 34921

(Send copy of PO to Pall - James)

Issue W/O LINE item for Pall for amount sold on sales order S/O 129175
according to sales price see Warran for amount. (if sale price is \$23,000 -
amount is \$13,400)
PO can be received immediately and given to finance in order to close work
order.

17-01-18

130

Packaging

0.00

130

Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D350-822-011

Location:

SoldDAS
27
9-89

JAN 18 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order ID 150405

Wednesday, August 24, 2016 11:51:54 AM

150405

Page 3

Item ID: D350-822-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 8/24/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
Qty **DAS
21
9-89**Reject
QtyReject
NumberInsp.
Stamp

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.02

Quality Control

JAN 18 2017

**DAS
21
9-89**

JAN 18 2017

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Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER :							

Picklist Print

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Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM IPP REV:C
15.06.03 AS PER IIN REV.D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

NAS1149D0332J

Purchased

No

Each

1,122.000

58

NAS1149D0332.J

Washer

**

JAN 04 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CA

6

m129682

6

FP001

522

m134848

522

GA

463

m135046

463

ST264

131

m135046

131

135672

DAS
6
9-89

DAS
27
9-89

QR10616

Purchased

No

Each

21.0000

1

QR10616

Vortex Tube Repair

**

JAN 04 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

fg108

1

m129631

1

m134946

6

m135354

10

QC INSP

4

m133995

4

135824

DAS
27
9-89

DAS
6
9-89

DQA: _____ Date: _____



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Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

QB21304

Purchased

No

Each

18.0000

QB21304

PUREair Panel Assembly

**

JAN 04 2017

DAS 6 28
9-89 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

16

m134946

6

m133354

10

MEZZpall

135894

2

118409

2

QB21310

Purchased

No

Each

17.0000

QB21310

Transition Duct Assembly

**

JAN 04 2017

DAS 6 28
9-89 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

1

m129631

1

m134946

6

m133354

10

QB21308

Purchased

No

Each

16.0000

QB21308

Fod Screen Assembly

**

JAN 04 2017

DAS 6 28
9-89 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

16

m134946

6

m133354

10

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Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

LN29985-A05

Purchased

No

Each

330.0000

I N29985-A05

Anchor Nut

**

15
135874

JAN 0 4 2017

DAS 6 28
9-89 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

150

~~m135354~~

150

ST563

180

m133062

15

m134976

165

LN9038-05018

Purchased

No

Each

769.0000

I N9038-05018

Bolt

**

56
135874

JAN 0 4 2017

DAS 6 28
9-89 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

560

~~M135354~~

560

ST564

209

M134586

30

M134969

79

M135083

100

BS4320-A5

Purchased

No

Each

932.0000

RS4320-A5

Washer

**

56
135874

JAN 0 4 2017

DAS 6 28
9-89 9-89

DAS 27
9-89

Location

Loc Qty

Loc Code

fg108

908

M134946

398

~~M135354~~

510

MEZZpall

24

M129914

24

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QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date: _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

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Page 4

Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

MS20426AD3-3

Purchased

No

Each

6,580.000

MS20426AD3-3

RIVET

**

40

DAS
6
9-89

JAN 04 2017

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

fg108

400

M135354

400

GA

44

M131624

44

ST312

6136

M135274

6136

135894

650.0401

Purchased

No

Each

14.0000

650 0401

PUREair Fairing Assembly

**

1

DAS
6
9-89

JAN 04 2017

DAS
27
9-89

Location

Loc Qty

Loc Code

FG109

14

132155

14

B152807

152807

JAN 16 2017

D4925-041

Manufactured

No

Each

6.0000

D4925-041

Mounting Plate Assembly

**

1

DAS
6
9-89

JAN 04 2017

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST218

6

143440

6

144647

D4931-1

Manufactured

No

Each

12.0000

D4931-1

Engine Fitting (for acft models B2 & previous)

**

1

DAS
6
9-89

JAN 04 2017

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

st138

12

144653

12

150521

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Shop Packet Print

Page 4

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Page 5

Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

D4931-3 Manufactured No

Each 3.0000

D4931-3

Engine Fitting (for B3 models)

**

JAN 0 4 2017

DAS
628
9-89

Location

Loc Qty

Loc Code

st138

3

120907

3

152845

D4931-5 Manufactured No

Each 6.0000

D4931-5

Engine Fitting (for B3e models)

**

JAN 0 4 2017

DAS
628
9-89

Location

Loc Qty

Loc Code

st138

6

120908

6

150813

D4935-1 Manufactured No

Each 39.0000

D4935-1

Mounting Bracket

**

JAN 0 4 2017

DAS
628
9-89

Location

Loc Qty

Loc Code

ST139

39

146511

39

150523 x1

D4943-1 Manufactured No

Each 22.0000

D4943-1

Flex Hose

**

JAN 0 4 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

ST220a

8

119754

8

st220b

14

119751

6

119752

8

1

DAS
6
9-89

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

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Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

D4961-041

Manufactured No

Each

12.0000

D4961-041

Tube Assembly

**

JAN 04 2017

DAS 28
6 9-89

Location

Loc Qty

Loc Code

FG

1

145204

1

ST139

11

146889

11

150524

D4961-043

Manufactured No

Each

3.0000

D4961-043

Tube Assembly

**

JAN 04 2017

DAS 28
6 9-89

Location

Loc Qty

Loc Code

ST140

3

145205

1

147250

2

15086

D5079-1

Purchased No

Each

18.0000

D5079-1

Placard, EAPS

**

JAN 04 2017

DAS 28
6 9-89

Location

Loc Qty

Loc Code

ST148

18

147059

4

147191

14

6/16/2017

150775

D5090-041

Manufactured No

Each

0.0000

D5090-041

Duct Assembly

**

JAN 04 2017

DAS 28
6 9-89

DAS 27
9-89

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Shop Packet Print

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

D5105-1
Handle
D5105-1

Manufactured No

Each 34.0000

**

JAN 04 2017

DAS 28
DAS 6
9-89

Location

Loc Qty

Loc Code

st151

34

144642

7

149869

27

151063

D5110-1
Swivel Nut Fitting
D5110-1

Manufactured No

Each 6.0000

**

JAN 04 2017

DAS 28
DAS 6
9-89

Location

Loc Qty

Loc Code

ST152

6

143630

6

150719

D5179-1
Doubler
D5179-1

Manufactured No

Each 45.0000

**

JAN 04 2017

DAS 28
DAS 6
9-89

Location

Loc Qty

Loc Code

ST220

45

146830

12

149870

33

2

D5179-3
Doubler
D5179-3

Manufactured No

Each 24.0000

**

JAN 04 2017

DAS 28
DAS 6
9-89

Location

Loc Qty

Loc Code

ST220

24

144651

4

149875

20

150529

QA Closed:

Date:

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

D5194-1 Manufactured No Each 30.0000

D5194-1

Doubler

**

JAN 0 4 2017 DAS 6 28 9-89 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST220

30

144649

6

149874

24

156530

D5208-041 Manufactured No Each 9.0000

D5208-041

Blanking Plate Assembly

**

JAN 0 4 2017 DAS 6 28 9-89 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST158

9

146792

9

150531

8411999090 Purchased No Each 0.0000

8411999090

Gasket - P/N 9752100180

9752018044

**

JAN 0 4 2017 DAS 6 28 9-89 9-89

DAS 27 9-89

Purchased No Each 13.0000

9752018044

Gasket (for B3 models)

**

JAN 0 4 2017 DAS 6 28 9-89 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST589

13

m134540

5

m134710

8

135625

9945000120 Purchased No Each 13.0000

9945000120

Gasket (for B3e models)

**

JAN 0 4 2017 DAS 6 28 9-89 9-89

DAS 27 9-89

Location

Loc Qty

Loc Code

ST589

13

m134540

5

m134710

8

135521

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

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Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

23350CA050

Purchased

No

Each

45.0000

23350CA050

WASHER

**

JAN 0 4 2017 **DAS 6 28**
9-89 9-89

Location

Loc Qty

Loc Code

ST568

45

m129609

45

Each

15.0000

AN821-12J

Purchased

No

AN821-12J

Elbow (or AN821-12K or 12S)

**

JAN 0 4 2017 **DAS 6 28**
9-89 9-89

Location

Loc Qty

Loc Code

OVER007

10

m134955

10

ST324

5

m134544

5

Each

15.0000

AN929-12J

Purchased

No

AN929-12J

Cap

**

JAN 0 4 2017 **DAS 6 28**
9-89 9-89

Location

Loc Qty

Loc Code

ST322

15

m129764

3

m134861

12

Each

6.0000

EN3686-050016

Purchased

No

FN3686-050016

Screw

**

JAN 0 4 2017 **DAS 6 28**
9-89 9-89

Location

Loc Qty

Loc Code

ST559

6

m134586

6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

LN9038-05012

Purchased

No

Each

96.0000

32

JAN 0 4 2017

DAS 6

DAS 28

I N9038-05012

Bolt

**

9-89

9-89

Location

Loc Qty

Loc Code

ST564

96

m134976

96

Each

22.0000

135544

JAN 0 4 2017

DAS 6

DAS 28

LN9038-05040

Purchased

No

I N9038-05040

Bolt

**

9-89

9-89

Location

Loc Qty

Loc Code

ST564

22

m134466

2

m134976

20

Each

210.0000

26

JAN 0 4 2017

DAS 6

DAS 28

LN9348-05

Purchased

No

I N9348-05

Nut

**

9-89

9-89

Location

Loc Qty

Loc Code

ST564

210

m134466

10

m134976

200

Each

1,044.000

18

JAN 0 4 2017

DAS 6

DAS 28

MS20470AD3-4

Purchased

No

MS20470AD3-4

Rivet, Universal Head

**

9-89

9-89

Location

Loc Qty

Loc Code

GA

268

111477

268

ST310

776

111477

776

DAS 27
9-89

18

Wednesday, August 24, 2016 11:51:54 AM

Shop Packet Print

Page 10

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Wednesday, August 24, 2016 11:51:54 AM

Work Order ID: 150405

150405

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016

Required Date: 8/24/2016

Start Qty: 1.00

Required Qty: 1.00

MS21919WCH12 Purchased No

Each 7.0000

MS21919WCH12

Clamp

**

JAN 04 2017
DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

ST291

7

m134527

7

Each

13.0000

MS9592-138

Purchased

No

MS9592-138

Bracket

**

JAN 04 2017
DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

ST267

13

m132479

13

Each

18.0000

NAS43DD3-64

Purchased

No

NAS43DD3-64

Spacer

**

JAN 04 2017

DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

GA

8

m132461

8

ST550

10

m134544

10

135603

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date: _____		Step #: _____		QTY Effective : _____				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Work Order ID 150405

Tuesday, January 03, 2017 2:26:15 PM

150405

Page 1

Item ID: D350-822-011

Accept

N900040100

Setup

Start

NS1

Revision ID:

Stop

NS2

Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/22/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/24/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run

Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

IIN-D350-822

F

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-822-011 CHG002

DAS
21
9-89

JAN 03 2017

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

5.0 PARTS LIST

QTY -011	QTY -013	PART NUMBER	DESCRIPTION
X		D350-822-011	PA100 PUREAIR SYSTEM
	X	D350-822-013	PA100 PUREAIR PROVISIONS
1		QB05008	PUREAIR SYSTEM
1**		QR10616	TUBE REPAIR KIT
1**		QB21304	PUREAIR PANEL ASSY
1**		QB21310	TRANSITION DUCT ASSY
1**		QB21308	FOD SCREEN ASSY
15**		LN29985-A05	ANCHOR NUT
56**		LN9038-05018	BOLT
56**		BS4320-A5	WASHER
40**		MS20426AD3-3	RIVET
1	1	650.0401	PUREAIR FAIRING ASSY
1	1	D4925-041	MOUNTING PLATE ASSY
1*	1*	D4931-1	ENGINE FITTING
1*	1*	D4931-3	ENGINE FITTING
1*	1*	D4931-5	ENGINE FITTING
6	6	D4935-1	MOUNTING BRACKET
1	1	D4943-1	FLEX HOSE
1	1	D4961-041	TUBE ASSEMBLY
1	1	D4961-043	TUBE ASSEMBLY
2	2	D5079-1	PLACARD
1	1	D5090-041	DUCT ASSEMBLY
2	2	D5105-1	HANDLE
1	1	D5110-1	SWIVEL NUT FITTING
2	2	D5179-1	DOUBLER
2	2	D5179-3	DOUBLER
2	2	D5194-1	DOUBLER
3	3	D5208-041	BLANKING PLATE ASSY
1*	1*	9752100180	GASKET
1*	1*	9945000120	GASKET
2	2	23350CA050	LOCKING TAB
2	2	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
1	1	AN929-12J	CAP
58	58	BS4320-A5	WASHER (OR NAS1149D0332J)
2	2	EN3686-050016	SCREW
32	32	LN9038-05012	BOLT
1	1	LN9038-05040	BOLT
26	26	LN9348-05	NUT
18	18	MS20470AD3-4	RIVET
1	1	MS21919WHG12	CLAMP
1	1	MS9592-138	BRACKET
1	1	NAS43DD3-64	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

** PART OF QB05008 ABOVE